

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1390 (REV 10-94)		ATTORNEY'S DOCKET NUMBER 10873.1594USWO
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown 10/517162
INTERNATIONAL APPLICATION NO. PCT/JP03/07174	INTERNATIONAL FILING DATE 6 June 2003	PRIORITY DATE CLAIMED 7 June 2002
TITLE OF INVENTION SUPPORT SYSTEM FOR TROUBLE HANDLING, AND TERMINAL TO BE CONNECTED THERETO		
APPLICANT(S) FOR DO/EO/US Atsushi WADA		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l).</p> <p>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) </p> <p>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11. to 16. below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input checked="" type="checkbox"/> Other items or information: Application Data Sheet, Communication Regarding Requested Figure, Communication Under 37 CFR 1.32(c)(3), International Publication Page, Form PCT/ISA/210, Form PCT/IB/304, Form PCT/IB/308, Form PCT/IPEA/409</p>		

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown 10/517162	INTERNATIONAL APPLICATION NO. PCT/JP03/07174	ATTORNEY'S DOCKET NUMBER 10873.1594USWO		
17. [X] The following fees are submitted:		CALCULATIONS PTO USE ONLY		
BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):				
Search Report has been prepared by the EPO or JPO..... \$950.00				
International preliminary examination fee paid to USPTO (37 CFR 1.492(a)(1)) \$750.00				
No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$790.00				
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(3)) paid to USPTO..... \$1100.00				
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)..... \$100.00				
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$950.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	12	-20 =	0	X \$18.00 \$0.00
Independent claims	1	-3 =	0	X \$88.00 \$0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$300.00	\$
TOTAL OF ABOVE CALCULATIONS =			\$950.00	
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27			\$	
SUBTOTAL =			\$950.00	
Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			+ \$	
TOTAL NATIONAL FEE =			\$950.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			+ \$40.00	
TOTAL FEES ENCLOSED =			\$990.00	
			Amount to be: refunded	\$
			charged	\$
<p>a. [X] Check(s) in the amount of \$950 and \$40 to cover the above fees is enclosed.</p> <p>b. [] Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-2725</u>.</p>				
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>				
SEND ALL CORRESPONDENCE TO: Douglas P. Mueller MERCHANT & GOULD P.O. Box 2903 Minneapolis, MN 55402-0903		SIGNATURE:  NAME: Curtis B. Hamre REGISTRATION NUMBER: 29,165		

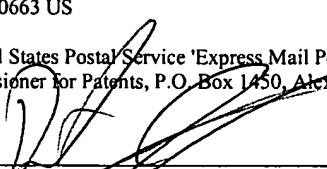
Applicant: WADA
 Docket: 10873.1594USWO
 Title: SUPPORT SYSTEM FOR TROUBLE HANDLING, AND TERMINAL TO BE CONNECTED
 THERETO

CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EV 408490663 US

Date of Deposit: December 7, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 
 Name: David Ortiz

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

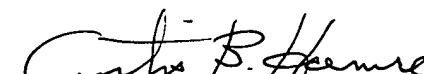
We are transmitting herewith the attached:

- Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- National Stage PCT Patent Application: Spec. 19 pgs; 12 claims.
 The fee has been calculated as shown below in the 'Claims as Filed' table.
- 15 sheets of formal drawings
- A signed Combined Declaration and Power of Attorney
- Assignment of the invention to ARKRAY, Inc., Recordation Form Cover Sheet
- A check in the amount of \$950.00 to cover the Filing Fee
- A check for \$40.00 to cover the Assignment Recording Fee.
- Application Data Sheet, 3 pages.
- Other: Form PTO-1390, Communication Regarding Requested Figure, Communication Under 37 CFR 1.32(c)(3), Preliminary Amendment, International Publication Page, Form PCT/ISA/210, Form PCT/IB/304, Form PCT/IB/308, Form PCT/IPEA/409
- Return postcard

CLAIMS AS FILED

Number of Claims Filed		In Excess of:		Number Extra		Rate		Fee
Basic Filing Fee								\$950.00
Total Claims								
12	-	20	=	0	x	18.00	=	\$0.00
Independent Claims								
1	-	3	=	0	x	88.00	=	\$0.00
MULTIPLE DEPENDENT CLAIM FEE								\$0.00
TOTAL FILING FEE								\$950.00

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

By: 

Name: Curtis B. Hamre
 Reg. No.: 29,165
 Initials: DPM/CBH/pjk

MERCHANT & GOULD P.C.

P.O. Box 2903, Minneapolis, MN 55402-0903
 (612) 332-5300

23552

PATENT TRADEMARK OFFICE

S/N Unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	WADA	Examiner:	Unknown
Serial No.:	Unknown	Group Art Unit:	Unknown
Filed:	Herewith	Docket No.:	10873.1594USWO
Title:	TROUBLE COUNTERMEASURE SUPPORT SYSTEM AND TERMINAL DEVICE CONNECTED TO THE SAME		

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 408490663 US

Date of Deposit: December 7, 2004

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 
Name: David Orr

COMMUNICATION REGARDING REQUESTED FIGURE

Assistant Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir:

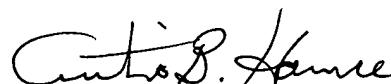
In connection with the above-identified application, applicant respectfully requests that Figure 1 be printed on the front page of the published application.

If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Applicants' primary attorney-of record Douglas P. Mueller (Reg. No. 30,300), at (612) 371.5237.

Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
(612) 332-5300

Dated: December 7, 2004

By: 

Curtis B. Hamre
Reg. No. 29,165

CBH/pjk

23552

PATENT TRADEMARK OFFICE